



Product: [CAT6+ UTP PVC PATCH CORDS](#)

CAT6+ Patch Cord, UTP, PVC

Product Description

CAT6+ Copper Patch Cord, UTP, PVC

Technical Specifications

Product Overview

Suitable Applications:	Horizontal and building cabling. Support current and future Category 6 and 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
23	Solid	BC - Bare Copper	6.1 mm	4

Total Number of Pairs:	4
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Insulation

Material
PE - Polyethylene

Inner Jacket Material

Material
No Jacket

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	6.1 mm

Wiring Scheme:	T568A/B-T568A/B
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Packaging:	Individually packaged in a clear plastic bag.
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Connectors

Materials

Description	Material	Type
Plug	Polycarbonate	RJ45
Boot	PVC	Snagless
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	Blades

Construction and Dimensions

Cabling

Filler
Cross Web

Electrical Characteristics

Dielectric Strength:	2.5 kV DC
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Current Rating:	1 A
Insulation Resistance:	5000 MOhm*km
Max Contact Resistance:	20 mOhm

Voltage

Voltage Rating [V]
72 V DC

Performance Footnote1:	There is 1dB margin on NEXT and RL guaranteed compared to ISO/IEC 11801-1:2017
Performance Footnote2:	The performance data below 4Mhz or above 500Mhz are for information only.

Temperature Range

Installation Temp Range:	0°C To +50°C
Operating Temp Range:	-20°C to +60°C

Mechanical Characteristics

Min Bend Radius (Overall Cable):	25 mm
Plug /Jack Compatibility:	RJ45

Termination Interface

Termination	Connection	Durabilities
RJ45	Mated Connection	750 Cycles

Standards

IEC Compliance:	ISO/IEC 11801-1
Data Category:	Category 6+
TIA/EIA Compliance:	ISO/IEC 11801-1:2017; EN 50173-1 Amd 1 Category 6; ANSI/TIA/EIA 568 C.2 Category 6

Applicable Environmental and Other Programs

Environmental Space:	Indoor Rated (Not Riser or Plenum)
EU RoHS Compliance Date (yyyy-mm-dd):	2013-01-25

Suitability

Suitability - Indoor:	Yes
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Part Number

Related Parts:	CAT6+ Modular Jacks, CAT6+ Patch Panels
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Variants

Item #	Color	Length
C699100001M	Black	1 m
C699100002M	Black	2 m
C699100003M	Black	3 m
C699100004M	Black	4 m
C699100005M	Black	5 m
C699100007M	Black	7 m
C699100010M	Black	10 m
C699100011M	Black	11 m
C6991000D5M	Black	0.5 m
C6991000D6M	Black	0.6 m
C6991000D9M	Black	0.9 m
C6991001D2M	Black	1.2 m
C6991001D5M	Black	1.5 m
C6991001D8M	Black	1.8 m
C6991002D1M	Black	2.1 m
C6991002D4M	Black	2.4 m
C6991002D7M	Black	2.7 m
C6991003D4M	Black	3.4 m
C6991003D7M	Black	3.7 m
C6991004D3M	Black	4.3 m
C6991004D6M	Black	4.6 m
C6991004D9M	Black	4.9 m

C6991005D2M	Black	5.2 m
C6991005D5M	Black	5.5 m
C6991005D8M	Black	5.8 m
C6991006D1M	Black	6.1 m
C6991006D4M	Black	6.4 m
C6991006D7M	Black	6.7 m
C6991007D3M	Black	7.3 m
C6991007D6M	Black	7.6 m
C6991007D9M	Black	7.9 m
C6991008D5M	Black	8.5 m
C6991009D1M	Black	9.1 m
C6991009D8M	Black	9.8 m
C699106001M	Blue	1 m
C699106002M	Blue	2 m
C699106003M	Blue	3 m
C699106005M	Blue	5 m
C699106010M	Blue	10 m
C699106011M	Blue	11 m
C699106020M	Blue	20 m
C699106025M	Blue	25 m
C6991060D5M	Blue	0.5 m
C6991060D6M	Blue	0.6 m
C6991060D9M	Blue	0.9 m
C6991061D2M	Blue	1.2 m
C6991061D3M	Blue	1.3 m
C6991061D5M	Blue	1.5 m
C6991061D8M	Blue	1.8 m
C6991062D1M	Blue	2.1 m
C6991062D4M	Blue	2.4 m
C6991062D7M	Blue	2.7 m
C6991063D4M	Blue	3.4 m
C6991063D7M	Blue	3.7 m
C6991064D3M	Blue	4.3 m
C6991064D6M	Blue	4.6 m
C6991065D2M	Blue	5.2 m
C6991066D1M	Blue	6.1 m
C6991067D6M	Blue	7.6 m
C6991067D9M	Blue	7.9 m
C6991069D1M	Blue	9.1 m
C699108001M	Gray	1 m
C699108002M	Gray	2 m
C699108003M	Gray	3 m
C699108004M	Gray	4 m
C699108005M	Gray	5 m
C699108007M	Gray	7 m
C699108010M	Gray	10 m
C699108011M	Gray	11 m
C699108014M	Gray	14 m
C699108021M	Gray	21 m
C699108075M	Gray	75 m
C6991080D5M	Gray	0.5 m
C6991080D6M	Gray	0.6 m
C6991080D9M	Gray	0.9 m
C6991081D2M	Gray	1.2 m
C6991081D5M	Gray	1.5 m
C6991081D8M	Gray	1.8 m
C6991082D1M	Gray	2.1 m
C6991082D4M	Gray	2.4 m
C6991082D7M	Gray	2.7 m
C6991083D4M	Gray	3.4 m
C6991083D7M	Gray	3.7 m

C6991084D3M	Gray	4.3 m
C6991084D6M	Gray	4.6 m
C6991084D9M	Gray	4.9 m
C6991085D2M	Gray	5.2 m
C6991085D5M	Gray	5.5 m
C6991085D8M	Gray	5.8 m
C6991086D1M	Gray	6.1 m
C6991086D7M	Gray	6.7 m
C6991087D3M	Gray	7.3 m
C6991087D6M	Gray	7.6 m
C6991087D9M	Gray	7.9 m
C6991088D5M	Gray	8.5 m
C6991089D1M	Gray	9.1 m
C6991089D8M	Gray	9.8 m
C699108015M	Gray	15 m
C699105001M	Green	1 m
C699105002M	Green	2 m
C699105003M	Green	3 m
C699105004M	Green	4 m
C699105005M	Green	5 m
C699105010M	Green	10 m
C699105020M	Green	20 m
C6991050D5M	Green	0.5 m
C6991050D6M	Green	0.6 m
C6991050D9M	Green	0.9 m
C6991051D2M	Green	1.2 m
C6991051D5M	Green	1.5 m
C6991051D8M	Green	1.8 m
C6991052D1M	Green	2.1 m
C6991052D4M	Green	2.4 m
C6991052D7M	Green	2.7 m
C6991053D4M	Green	3.4 m
C6991053D7M	Green	3.7 m
C6991054D3M	Green	4.3 m
C6991054D6M	Green	4.6 m
C6991055D5M	Green	5.5 m
C6991056D1M	Green	6.1 m
C6991057D3M	Green	7.3 m
C6991057D6M	Green	7.6 m
C6991059D1M	Green	9.1 m
C699102001M	Red	1 m
C699102002M	Red	2 m
C699102003M	Red	3 m
C699102004M	Red	4 m
C699102005M	Red	5 m
C699102010M	Red	10 m
C6991020D5M	Red	0.5 m
C6991020D6M	Red	0.6 m
C6991020D9M	Red	0.9 m
C6991021D2M	Red	1.2 m
C6991021D5M	Red	1.5 m
C6991021D8M	Red	1.8 m
C6991022D1M	Red	2.1 m
C6991022D4M	Red	2.4 m
C6991022D7M	Red	2.7 m
C6991023D4M	Red	3.4 m
C6991023D7M	Red	3.7 m
C6991024D3M	Red	4.3 m
C6991024D6M	Red	4.6 m
C6991026D1M	Red	6.1 m
C6991027D6M	Red	7.6 m

C6991029D1M	Red	9.1 m
C699107002M	Violet	2 m
C699109001M	White	1 m
C699109002M	White	2 m
C699109003M	White	3 m
C699109004M	White	4 m
C699109005M	White	5 m
C699109010M	White	10 m
C6991090D5M	White	0.5 m
C6991090D6M	White	0.6 m
C6991090D9M	White	0.9 m
C6991091D2M	White	1.2 m
C6991091D5M	White	1.5 m
C6991091D8M	White	1.8 m
C6991092D1M	White	2.1 m
C6991092D4M	White	2.4 m
C6991092D7M	White	2.7 m
C6991093D4M	White	3.4 m
C6991093D7M	White	3.7 m
C6991094D3M	White	4.3 m
C6991094D6M	White	4.6 m
C6991094D9M	White	4.9 m
C6991095D2M	White	5.2 m
C6991095D5M	White	5.5 m
C6991095D8M	White	5.8 m
C6991096D1M	White	6.1 m
C6991097D3M	White	7.3 m
C6991097D6M	White	7.6 m
C6991098D2M	White	8.2 m
C6991099D1M	White	9.1 m
C6991094D2M	White	4.2 m
C699104001M	Yellow	1 m
C699104002M	Yellow	2 m
C699104003M	Yellow	3 m
C699104004M	Yellow	4 m
C699104005M	Yellow	5 m
C699104010M	Yellow	10 m
C6991040D5M	Yellow	0.5 m
C6991040D6M	Yellow	0.6 m
C6991040D9M	Yellow	0.9 m
C6991041D2M	Yellow	1.2 m
C6991041D5M	Yellow	1.5 m
C6991041D8M	Yellow	1.8 m
C6991042D1M	Yellow	2.1 m
C6991042D4M	Yellow	2.4 m
C6991042D7M	Yellow	2.7 m
C6991043D7M	Yellow	3.7 m
C6991044D3M	Yellow	4.3 m
C6991044D6M	Yellow	4.6 m
C6991044D9M	Yellow	4.9 m
C6991045D2M	Yellow	5.2 m
C6991045D5M	Yellow	5.5 m
C6991046D1M	Yellow	6.1 m
C6991046D7M	Yellow	6.7 m
C6991047D3M	Yellow	7.3 m
C6991047D6M	Yellow	7.6 m
C6991047D9M	Yellow	7.9 m
C6991048D5M	Yellow	8.5 m
C6991049D1M	Yellow	9.1 m

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